

# SOUTH PRODUCTION NOTES

March 10, 2016

11-7 Shift Notes

**BASF EMPLOYEES**

104 Last Recordable

171 Last Lost time

**SAFETY Notes:** Check the walkways for ice and treat with icemelt. Need to remind operators that Styrene material on line #2 can't be washed down the drain. Building 31 sump currently shut off.

**Title V Notes:** Trimer – GEM and Lucas completed their work. RTV is currently drying, will decide on 1<sup>st</sup> shift when to test for leaking. WOW to inspect flow tubes, dP meters, and pH controllers. Need to verify that everything is working properly once system is up.

CTO – Bypass damper assembly needs to be adjusted when available.

F-1 Scrubber – Only sample scrubber and sump once per day (1<sup>st</sup> shift).

Sly Scrubber – Need to perform PM sampling once a day (2<sup>nd</sup> shift).

## #1 MED / AI-3945:

On hold. When we start back up we need to keep the extruder speed between 20-25 per the engineer. We have been getting the best lab results that way. Make sure we are greasing end seals.

## #1 RC / AI 3945:

Calciner is lit and coming up to temp. This is #3 priority as far as #1,#4,#5 RC's rank.

## #2 MED line / Styrene:

Continue. Save raw material bags marked CR until dayshift batches so Justin can observe. Need 3 to 4 scoops of wet mix in each batch to try and use up the few drums on the 3<sup>rd</sup> floor. Do not leave cardboard on the used pallets.

Auger was switched out on Sunday day shift.

Want to be at least 20 bags ahead of the calciner so we can be ready for plow change. At the beginning of every shift, the mix operator should open the mixer, check the discharge valve to make sure it's open, check the chute to make sure it's not glazed over, and check the injectors. Make sure wet mix goes into white top drums. Water addition has been raised to 85 lbs.

Do not wash Styrene down the drain – contains moly.

## #2 RC/ Styrene:

Continue with feeding new material first.

Make sure that all fines/oversized drums are white top drums – due to the weight of the product and use of dry ice. The Floor CRT will need to take a sample out of the F1 scrubber and sump in B31 to wastewater once a day. Before unlocking building 31 sump WWTP will test these samples for moly and if the sump is low, we can unlock and send to WWTP. At all other times the west sump will remain locked out.

**Need to remind operators that Styrene material can't be washed down the drain.**

### **#3 MED line / D-0717:**

Auger and barrel has been reinstalled. Make 3 batches and hold for engineering approval to proceed.

Diverter valve, air, to hopper have been locked out.

Make sure we are greasing end seals once per shift..

### **#3 RC / D-0761 rescreens:**

Cleanup sheet completed. Have engineer walk down on 1<sup>st</sup> shift to see if any touchups are needed.

**Feed in batch order and fill out calciner feed sheets.**

### **#4 RC / D-0222:**

Was not lit because currently RC #1 and #5 are planned to exhaust to Trimer.

When we resume running keep an eye on the oversize screen (blinding over).

Oversize screen has been changed over to 2 mesh per Andrea.

Remember that your feed rate is not only based on the syntron settings but also the amount of fines and oversized material coming off the calciner. If the feed rate is dropping check the screener first to see if it is blinded over.

**Keep a close eye on the temps and feed rate, we have been underfiring material.**

Feed oversize into a bag and keep for refeeds later in the run.

### **#5 RC / Cu 0539:**

Needs to be lit and brought up to temp on midnight shift in case Trimer is working in the morning.

Feed Hopper should not be filled past 2ish feet below the top to allow room for blowdowns. Continue to monitor 5A after filter.

HEPA filter was changed out 2-25-16 on midnight shift.

### **#6 RC & Dryer / D-1781 NAQ:**

Continue with the cleanup sheet. Drum of refeed material is set aside by the feed end until Bodmann decides what to do with it. **Keep an eye on the feed rate and temp.** Please check weigh all drums.

### **West Pfaudler / D- 0222:**

We are out of Al-3945 base. LOT 191 is being TDR'ed and when it is in pass on the system we can make a few more batches. maybe it will be done on Tuesday. Once it is done we can start making batches.



**Should be making at least 2 batches per shift.**

**East Pfaudler/ Clean for 1781 LAQ:**

**Can start making batches once the calciner is turned around.**

**6 Tank: D-0222 solution:**

**Discuss at morning meeting when we want to make a batch of solution.**

**7 Tank: D-0222 Solution:**

**Approved. Watch temperature. Steam is back on.**

**National Dryer / D-0222:**

**Feed as material is available.**

**PK Blender / D-0761 blending:**

**We would like to power wash out the PK to see if we get a bunch more lining off, but the power washer does not work. W.O.W.**

**Need to make sure that the building is being cleaned up!**

**Dust collector can be blown down by switching the magnahelic gauge to 0 and then shutting off the blower when it starts to blow down. DC gauge has been added to Wonderware and has been moved over to near the weigh tank. Gauge should be set at 3.5 and 4.25.**

**Abbe Blender / D 5206:**

**HF tote has been closed up and Abbe lid was remove and vessel cleaned out. Cover plates over open hole in floor have been reinstalled.**

**Tower 3 / 1155:**

**On hold until screener is back online.**

**Tower 6 / Cu-1155:**

**On hold until screener is back online.**

**North Screener /Cu-1155:**

**Screener is set up for Cu-1155. Holding for engineering**

**South Screener /Cu-1155:**

**Holding until we get new mounting system for the rollers installed.**

**#2662 (west) Pill Machine /**

**Back together and holding.**

**#2664 (east) Pill Machine /**

**Back together and holding.**

**TK #2 / Zr-0404:**

**Done. Blowers have been turned off and kiln is down.  
Leave the saggars on - we don't know what product we will be going to next.**

**TK #4 / Cu-2508:**

**Blowers have been turned off and kiln is down. Clean and swap out saggars when time permits. Need MOD.  
Had issues with the hydraulic system kicking out, and also the screener. Also noticed it is operating at a lower than normal pressure - WOW. Area has been deregulated.**

**Harrop Kiln / Al-4196:**

**Continue to run. Work on hand picking of Al4196 drum as time permits. WOW for #4 blower not working.**

**Building 27 Belt Filter / Cu 5020:**

**Check with Jeff Lewis about when to start running Cu5020.  
We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.**

**PRIORITIES:**

- 1) East Pfaudler/#6 RC
- 2) West Pfaudler/Nat'l Dryer/#4RC/Trimer
- 3) #1 MED/RC
- 4) #3 MED/RC/CTO
- 5) #2 RC South
- 6) Screening of E-406 TR
- 7) South Precip/Dry
- 8) #5 RC
- 9) #2 MED (this moves up if we start to run out of feed to supply #2 RC South)
- 10) Harrop Kiln